



STEPHENS *et al.*
Application No.: 09/438,185
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In the Specification:

Please replace the paragraph beginning at page 12, line 14 (as amended, 10/20/00), with the following:

--The present invention provides the nucleotide sequence of the *C. pneumoniae* genome SEQ ID NO: 1 or a representative fragment thereof, in a form which can be readily used, analyzed, and interpreted by a skilled artisan. As used herein, a "representative fragment" of the nucleotide sequence depicted in SEQ ID NO: 1 refers to any portion which is not presently represented within a publicly available database. Preferred representative fragments of the present invention are open reading frames, expression modulating fragments, uptake modulating fragments, and fragments which can be used to diagnose the presence of *C. pneumoniae* in sample. Using the information provided in the present application, together with routine cloning and sequencing methods, one of ordinary skill in the art will be able to clone and sequence all "representative fragments" of interest including open reading frames (ORFs) encoding a large variety of *C. pneumoniae* proteins. A non-limiting identification of such preferred representative fragments is provided in Table 2 (see Sequence Listing, SEQ ID NOS:2-1074).--

Please replace the paragraph beginning at page 35, line 29 (as amended, 10/20/00), with the following:

--Table 1 provides functional assignments of *C. pneumoniae* nonprotein-encoding genomic sequences. Table 2 provides functional assignments of protein coding sequences. The Sequence Listing provides the amino acid sequences of the proteins corresponding to the coding sequences (SEQ ID NOS:2-1074).--